

For Research Use Only

CBX6 Polyclonal antibody

Catalog Number: 23426-1-AP

1 Publications



Basic Information

Catalog Number: 23426-1-AP	GenBank Accession Number: BC064900	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop and 427 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23466	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: O95503	
Isotype: IgG	Full Name: chromobox homolog 6	
Immunogen Catalog Number: AG20014	Calculated MW: 412 aa, 44 kDa	
	Observed MW: 55-60 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HepG2 cells, HEK-293 cells, HeLa cells
Cited Applications: WB	IHC : human skin tissue,
Species Specificity: human	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

The Chromobox domain (Cbx) gene family, consisting of Polycomb and Heterochromatin Protein 1 genes, involves in transcriptional repression, cell cycle regulation and chromatin remodeling [PMID: 17486619]. Cbx6, other named neuronal pentraxin receptor (NPR), first described as a putative integral membrane pentraxin that interacts with neuronal pentraxin 1 and 2, has also been classified as a Pc protein [PMID: 14647293]. NPR was determined to be a member of a distinct pentraxin protein subfamily, and found to form heteropentamer with NP1 and NP2, followed by release from cell membranes [PMID: 10748068].

Notable Publications

Author	Pubmed ID	Journal	Application
Xun Huang	30220457	Cell	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

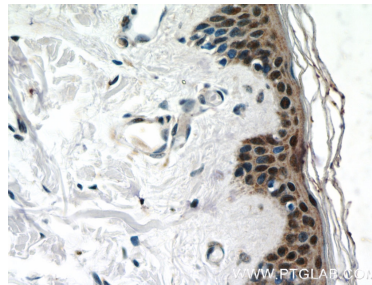
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 23426-1-AP (CBX6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin slide using 23426-1-AP (CBX6 Antibody) at dilution of 1:50.